

**University of Ruhuna**  
**Faculty of Engineering**  
**Assignment 1 (Take home).**  
**Module number: IS 4305      Module Name: Probability and Statistics**  
**[Time: One week]      [Answer ALL questions]**  
**Submit on or before 6<sup>th</sup> September 2023**

Q1. Two Samples Comparison

Select a suitable practical application and accordingly collect relevant data samples.

Apply an appropriate test and do the comparison. Conclude it.

Prepare a report by explaining the analysis, methods assumptions calculations, and conclusion.

Attached the raw data.